

## ABSTRACT

An automated banking machine is provided which includes a first component and a second component. The first component is operative generate a first hash of a first identity data and a public key associated with the second component. The first component is operative to  
5 encrypt a randomly generated secret key using the public key associated with the second component. The second component is operative to receive at least one message from the first component which includes the encrypted secret key and the first hash. The second component is operative to decrypt the secret key with a private key that corresponds to the public key. The second component is operative to permit information associated with a transaction function to  
10 be communicated between the first and second components which is encrypted with the secret key when the first hash is determined by the second component to correspond to the first component.